

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 05-820)

PA	TE	NT
----	----	----

In the Application of:)
Haskell) Art Unit: Unknown
Serial No.: 10/551,798)
Filed: September 30, 2005) Examiner: Not Assigned
Title: Phased Array Antenna System with Variable Electrical Tilt))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

- 1. We are transmitting herewith the attached:
 - a. Information Disclosure Statement
 - b. Statement of Relevancy of Foreign Language Reference
 - c. Copy of Cited Non-U.S. Patent References
 - d. Return Receipt Postcard
- 2. With respect to additional fees:
 - a. Attached is a check in the amount of \$-0-
- Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A
 duplicate copy of this sheet is enclosed.
- 4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 4th day of April, 2006.

By:

A. Blair Hughes Reg. No. 32,901

McDONNELL BOEHNEN, HULBERT & BERGHOFF LLP 300 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 60606 TELEPHONE (312) 913-0001

/	OFFE 40	
	APR 0 7 2006 8)
1	TA TRADENIA	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	(Case No. 03-820)
In the Application of:)
)
Haskell) Art Unit: Unknown
)
Serial No.: 10/551,798)
)
Filed: September 30, 2005) Examiner: Not Assigned
)
Title: Phased Array Antenna System wi	ith)
Variable Electrical Tilt	j

Statement of Relevancy of a Foreign Language Reference

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The JP 61172411 reference was cited in an Opposition of European patent application EP 1 239 534 by Radiation Y Microondas, S. A. The reference was cited as disclosing "a multi-stage linear array antenna which pretends to increase the beam tilting effect by setting the first phase shifter for each exciting elements so as to give a beam tilting angle larger than a required value and obtaining a required beam tilting angle by the combined phase shift by the first and second phase shifters so as to reduce a side lobe level produced during prorogation."

The Okuyama et al. reference was cited in an Opposition of European patent application EP 1 239 534 by Radiation Y Microondas, S. A. The reference was cited as disclosing "a base station antenna products that integrate technologies for beam forming, wind-load shedding and beam tillting. Its drawings show antenna structures serving 120° sectors and phase shifting arrangements."

Bv:

Respectfully submitted,

McDONNELL BOEHNEN HULBERT &

BERGHOFF LLP

A. Blair Hughes Reg. No. 32,901

Dated: April 4, 2006

Are Property

te for form 1449A/PTO

US USus-

/Nga Nguyen/

Signature

Sheet

PTO/SB/08a (07-05) Approved for use through 07/31/2005. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary

Complete if Known				
Application Number 10/551,798				
Filing Date	September 30, 2005			
First Named Inventor	Haskell			
Art Unit	Unknown			
Examiner Name	Not Assigned			
Attorney Docket Number	05-820			

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials* No.1	No.	Number-Kind Code ^{2 (it known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/NXN/		us- 2,041,600	5-19-36	Friis	
1		us- 2,239,775	3-2-39	Bruce	
		us- 2,245,660	10-12-38	Feldman et al.	
		us-2,247,666	8-2-39	Potter	
		us- 2,961,620	11-22-60	Sommers	
		us- 3,277,481	10-4-66	Robin et al	
		us- 3,522,558	1-13-69	Stafford et al.	
		us- 4,241,352	12-23-80	Alspaugh et al	*
		us- 4,249,181	2-3-81	Lee	
1		us- 4,788,515	11-29-88	Wong et al.	
T		us- 4,881,082	11-14-89	Graziano	
		us- 5,281,974	1-25-94	Kuramoto et al.	
\mathbf{V}		us-4,905,012	2-27-90	Foti	
		US-			
		US-			

		FOREIGN F	ATENT DOC	JMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/NXN/		WO 89/07837	8-24-89	Wong et al.		
I		WO 92/16061	9-17-92	Kangas		_
		WO 93/15569	8-5-93	Franza et al.		
\/		WO 95/10862	4-20-95	Butland et al.		
V		EP 0 531 090	3-29-00	Fujil et al.		
Examiner				Date 1	-	=

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, 6 Applicant is to place a check mark here if English language. Translation is attached.

Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

02/19/2008

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Complete if Known Substitute for form 1449A/PTO Application Number 10/551.798 INFORMATION DISCLOSURE Filing Date September 30, 2005 STATEMENT BY APPLICANT First Named Inventor Haskell Art Unit Unknown Examiner Name Not Assigned (Use as many sheets as necessary)

Attorney Docket Number 05-820 Sheet U. S. PATENT DOCUMENTS Evaminer Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code² (If known) Figures Appear usus. usus-USus-US-US-USus-

US-		
US-		

Examiner Cite Publication Date Name of Patentee or Pages, Columns, Lines Foreign Patent Document Initials* MM-DD-YYYY Applicant of Cited Document Where Relevant Passages Country Code3 "Number4 "Kind Code5 (if known) or Relevant Figures Appear EP 0 575 808 12-29-93 Hadzoglou et al. GB 1 314 693 4-26-73 AU 38746/93 7-29-93 Butland et al. AII 664625 11-23-95 Views

FOREIGN PATENT DOCUMENTS

V	JP 02-174302 - abstract	7-5-90	Nippon Telegraph	
Examiner Signature	/Nga Nguyen/		Date Considered	02/19/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible, 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1,97 and 1,98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Examiner

Signature

Complete if Known Application Number 10/551.798 Filing Date September 30, 2005 First Named Inventor Haskell Unknown

Art Unit Examiner Name Not Assigned (Use as many sheets as necessary) Attorney Docket Number 05-820 Sheet of

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (f known)}			Figures Appear
	_	US-			
		US-			·
		US-			•
		US-			
		us-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
/NXN/	П	JP 04-320121 abstract	11-10-92	Nippon Telegraph		
ı		JP 04-320122 abstract	11-10-92	Nippon Telegraph		
		JP 05-37222	2-12-93	NEC Corp		x
1/	T-	JP 05-075340	3-26-93	Hitachi Chem Co.		
V		JP 05-121902	5-18-93	Nippon Dengiyou		

/Nga Nguyen/ *EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication is speciant. I applicant's unique distinol despiration number (copicional) 2 Sale Kinst Codes of USFTO Palant Documents at your upstood one of the Policy of the Pol

Translation is attached Translation of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Considered

02/19/2008

05-820

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Complete if Known Substitute for form 1449A/PTO Application Number 10/551.798 INFORMATION DISCLOSURE Filing Date September 20, 2005 STATEMENT BY APPLICANT First Named Inventor Haskell Art Linit Unknown Examiner Name Not Assigned (Use as many sheets as necessary)

Attomey Docket Number

of 7

Sheet

us.

U. S. PATENT DOCUMENTS Evaminer Cite **Document Number** Publication Date Name of Patentee or Pages, Columns, Lines, Where Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (f known)} Figures Appear usus. US us-USus-US-US-115-US-119. US-US-USus. US-

FOREIGN PATENT DOCUMENTS Cite Publication Date Pages, Columns, Lines. Examine Foreign Patent Document Name of Patentee or MM-DD-YYYY Initials* Applicant of Cited Document Where Relevant Passages Country Code3 "Number4 "Kind Code5 (if known) or Relevant Figures Appear /NXI JP 05-121915 5-18-93 Sumitomo Electric JP 61-172411 8-4-86 JP 61-006901 1-13-86 Kokusai Denshin JP 140985 5-20-94 Fuiitsu Ltd NTT Idou JP 06-196927 7-15-94 Tsuushinmou

Date Signature /Nga Nguyen/ Considered 02/19/2008 *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Attorney Docket Number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

05-820

Date

Considered

(Use as many sheets as necessary)
Sheet 5 of 7

Substitute for form 1449A/PTO

Examiner

Signature

U. S. PATENT DOCUMENTS						
Examiner	Cite No.	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		us-			-	

FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ι.
Initials*	No.1	Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				
/NXN/		JP 06-260823	9-16-94	Mitusbishi Electric		X
- 1		JP 06-326501	11-25-94	Sumitomo Electric		X
		GB 2 034 525	6-4-80	Marconi Company		
N/		WO 01/29926	4-26-01	Deltec Telesystems		
-		WO 03/036756	5-1-03	QinetiQ Ltd.		

"EXAMINET: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (opinion) on marker (opinion) or USPTO Patient Documents at <u>www.usfolo.gov</u> or MPEP 901.04.3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST3).4 For Japanese patient occurrents, the includes of the year of the regin of the Emperor must precede the serial number of the patient document by the appropriate symbols as indicated on the document under WIPO Standard ST3. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

/Nga Nguven/

This collection of information is required by 37 CFR, 197 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO in process) an application. Condidentality is governed by 35 U.S. C. 122 and 37 CFR, 114. This collection is estimated to Equation to Condidentality is governed by 35 U.S. C. 122 and 37 CFR, 114. This collection is estimated to Equation to Condidentality is governed by 35 U.S. C. 122 and 37 CFR, 114. This collection is estimated to Equation to Condidentality in Condidentality and the Condidentality of the Condidenta

02/19/2008

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Signature

Complete if Known Application Number 10/551,798 Filing Date September 30, 2005 First Named Inventor Haskell Unknown Not Assigned

Art Unit Examiner Name (Use as many sheets as necessary Attorney Docket Number 05-820

			U. S. PATENT D	OCUMENTS	
Examiner Cite Initials* No.1		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.'	No.1 Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		UŞ-			
		US-		Ů	
		US-			*

			FOREIGN F	PATENT DOC	UMENTS		
Examine Initials*		Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т5
/NX	N/		WO 03/043127	5-22-03	Qinetiq Ltd.		
			EP 1 026 778	8-9-00	Lucent		
Т	7	_	JP 2001-211025 - English Abstract		NTT IDO		
	/		JP 09-148835 - English Abstract	6-6-97	Nippon		
V	\perp						
Examine	er	_	/Nga Nguyen/		Date I	02/19/2008	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of DSPTO Plant Documents at www.upci.com/or MPC Standard ST.3.4, FOR Japanese patient Documents at the Above Description of the Common Standard ST.3.4, FOR Japanese patient documents, the indication of the year of the region of the Emperor must preced the serviced in unable of the patent document. S find of document of the patent document. S find of document of the patent document. S find of document of the patent document of the patent document. S find of document of the patent document of the patent document. S find of document of the patent document of the patent document of the patent document. S find of document of the patent document of the patent document. S find of document of the patent document of the patent document. S find of document of the patent document of the patent document. S find of document of the patent document of the patent document of the patent document. S find of document of the patent document of the patent document of the patent document of the patent document. S find of the patent document of the paten Translation is attached.

/Nga Nguyen/

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

02/19/2008

Considered

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

Substitute for form 1449B/PTO			Complete if Known		
			Application Number	10/551,798	
INFORMATION DISC	LOS	URE	Filing Date	September 30, 2005	
STATEMENT BY API	PLIC	ANT	First Named Inventor	Haskell	
			Art Unit	Unknown	
(Use as many sheets as neces	ssary)		Examiner Name	Not Assigned	
Sheet 7	of	7	Attorney Docket Number	05-820	$\overline{}$

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,	۱т
Initials* No.1		magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ľ
/NXN/		Strickland, Peter "Microstrip Base Station Antennas for Cellular Communications", IEEE, pp. 166-171 (1991)	
		Bacon, "Variable Elevation Beam-Aerial Systems for 1 1/2 Metres", Journal IEE, pp. 539- 544 (1946)	
		Forster, et al. "A Conical Beam Ship Array Antenna with Infinitely Variable Control of the Elevation Angle", pp. 17-20 (1973)	
		Hansen, "Microwave Scanning Antennas" Vol. 3 Array Systems, pp. 2-7 (1966)	L
		Smith, textbook: "Circuits, Devices and Systems", A First Course in Electrical Engineering", 4th Ed., pp. 680-681 (1984)	L
		Okuyama et al., "Base-Station Antenna Systems for Car and Handheld Cellular Phones", Mitsubishi Denki Giho, Vol. 68, no. 12, pp. 23-26 (1994)	L
		Sumitomo Technical Review, September (1993)	x
		Brochure, "Brown Boveri Phaser for the Horizontal Slewing of Curtain Antennas", Boveri & Cie AG, Mannheim, RFA Classif. nº 1601/242	
\forall		CEL-901 Cellular Antenna Controller User's Manual*, issued on 2 April 1992, in the name of CAL Corporation (1991)	

Examiner Signature	/Nga Nguyen/	Date Considered	02/19/2008

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicants unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is instanced.
This collection of information is required to both of your English of the public which is to file (and by the USPTO) to process) an application. Confidentially is governed by 38 U.S. C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, incurring pathering, preparing, and submitting the completed applications that the USPTO. Time was open destinated to take 2 hours to complete, incurring pathering, preparing, and submitting the completed applications from the USPTO. Time was open destinated to take 2 hours to complete, including pathering, preparing, and submitting the completed applications from the USPTO. Time was open destinated in the USPTO. The was open to the individual case. Any comments are considered to the USPTO. The pather of the USPTO. The was open to the USPTO. The was open to the USPTO. The was open to the USPTO. The USPT